

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE Version 3.50 (Build 0002.162)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	PCT030044620
I	Title of Invention	ATPS FOR CONTROLLING TRAIN USING DATA COMMUNICATION
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SHALOM ENGINEERING CO., LTD
II-5	Address	ROOM11, 16TH FLOOR, TECHNOMART 546-4 GUI-DONG, KWANGJIN-GU SEOUL143-200 Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	02-3424-2194
II-9	Facsimile No.	02-3424-5544
II-11	Applicant's registration No. with the Office	110111-0510671

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III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KIM, Bong-Taek
III-1-5	Address	Room3, 17th Floor, Sigma-Tower 7-19 ShinCheon-Dong, SongPa-Gu Seoul143-200 Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR
III-1-11	Applicant's registration No. with the Office	480428-1079910
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
V-2	Item V-2 may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. As to the consequences of such national law provisions in these and certain other States, see Designations in PCT-SAFE Help.	KR
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	02 July 2003 (02.07.2003)
VI-1-2	Number	10-2003-0044620
VI-1-3	Country	KR
VI-2	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	✓
IX-2	Description	11	✓
IX-3	Claims	3	✓
IX-4	Abstract	1	✓
IX-5	Drawings	5	✓
IX-7	TOTAL	24	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-17	PCT-SAFE physical media	-	-
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative	(PKCS7 Digital Signature)	
X-1-1	Name	SHALOM ENGINEERING CO., LTD	
X-1-2	Name of signatory	SHALOM ENGINEERING CO., LTD	
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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PCT REQUEST (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
0-4	Form PCT/RO/101 (Annex)			
0-4-1	PCT Fee Calculation Sheet			
	Prepared Using		PCT-SAFE	
			Version 3.50 (Build 0002.162)	
0-9	Applicant's or agent's file reference		PCT030044620	
2	Applicant		SHALOM ENGINEERING CO., LTD	
12	Calculation of prescribed fees		fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee	T	⇒	45000
12-2-1	Search fee	S	⇒	225000
12-2-2	International search to be carried out by	KR		
12-3	International filing fee (first 30 sheets)	i1	1329000	
12-4	Remaining sheets	0		
12-5	Additional amount	(X) 0		
12-6	Total additional amount	i2	0	
12-7	i1 + i2 =	i	1329000	
12-12	Electronic Filing reduction (Full)	R	-285000	
12-13	Total International filing fee (i-R)	I	⇒	1044000
12-14	Fee for priority document			
	Number of priority documents requested	1		
12-15	Fee per document	(X) 0		
12-16	Total priority document fee:	P	⇒	
12-17	TOTAL FEES PAYABLE (T+S+I+P)		⇒	1314000
12-19	Mode of payment		cash	